

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-41. (canceled)

42. (new) A linear light-emitting element, comprising:
a first region, a semiconductor region, a light-emitting region and a second region arranged from nearly a center to a fringe of a section,

wherein in the semiconductor region, a plurality of gate electrodes are arranged in a shape of an island and a nearly concentric circle.

43. (new) The linear light-emitting element of claim 42, wherein the first region is a source region and the second region is a drain region, or the first region is a drain region and the second region is a source region.

44. (new) The linear light-emitting element of claim 43, wherein the linear light-emitting element is comprised from a plurality of element regions in which predetermined lengths of the same section are formed in a longitudinal direction.

45. (new) A linear light-emitting element, comprising:
a first region, a semiconductor region, a light-emitting region and a second region arranged from nearly a center to a fringe of a section,

wherein in the semiconductor region, a plurality of gate electrodes are arranged in a shape of an island and a nearly concentric circle, and the center region is comprised from a hollow region, an insulator region, a semiconductor regions or a conductive region.

46. (new) The linear light-emitting element of claim 45, wherein the first region is a source region and the second region is a drain region, or the first region is a drain region and the second region is a source region.

47. (new) The linear light-emitting element of claim 46, wherein the linear light-emitting element is comprised from a plurality of element regions in which predetermined lengths of the same section are formed in a longitudinal direction.

48. (new) A linear light-emitting element, comprising:
a first region, a semiconductor region, a plurality of light-emitting regions and a second region arranged from nearly a center to a fringe of a section,

wherein in the semiconductor region, a plurality of gate electrodes are arranged in a shape of an island and a nearly concentric circle, and a light-emitting intensity of each light-emitting region is controlled by a voltage supplied to the each gate electrode which is arranged between the nearly center and the corresponding light-emitting region.

49. (new) The linear light-emitting element of claim 48, wherein the first region is a source region and the second region is a drain region, or the first region is a drain region and the second region is a source region.

50. (new) The linear light-emitting element of claim 48, wherein an element region in which the same sections are formed in the longitudinal direction is formed continuously or intermittently.

51. (new) The linear light-emitting element of claim 49, wherein the plurality of light-emitting regions are comprised from a red light-emitting region, a green light-emitting region and blue light-emitting region.

52. (new) The linear light-emitting element of claim 50, wherein the plurality of light-emitting regions are comprised

from a red light-emitting region, a green light-emitting region and blue light-emitting region.

53. (new) A linear light-emitting element, comprising:
a first region, a semiconductor region, a light-emitting region and a second region are arranged from nearly a center to a fringe of a section,

wherein in the semiconductor region, a plurality of gate electrodes are arranged in a shape of island and a nearly concentric circle,

a plurality of color filters are arranged at a circumference of the second region, and

a light intensity of each color filter is controlled by a voltage supplied to each gate electrode which is arranged between the nearly center and a corresponding color region.